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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/991,736	11/26/2001	Tsung-Wei Tu	0941-0366P-SP	5651

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EXAMINER

RUTTEN, JAMES D

ART UNIT PAPER NUMBER

2122

DATE MAILED: 09/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/991,736

Applicant(s)

TU ET AL.

Examiner

J. Derek Rutten

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 November 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 November 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. Claims 1-9 have been examined.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-9 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent 5,960,200 to Eager et al. (hereinafter "Eager").

As per claim 1, Eager discloses:

A method for development of a business process software application (column 33 line 56 – column 34 line 27) which comprises an action object for causing a computer system to implement an activity of a business process, the method comprising the steps of:

storing a plurality of business objects (column 4 line 40: "business object repository");

receiving a first description of a flow of the business objects (column 4 lines 53-54: "graphical business process editor"; also column 16, lines 55-58: "As discussed previously in the context of a re-engineering or custom-developed application, the business process engine 124 of

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the business process layer 120 manages the flow of business objects, interprets their rules, and acts on these rules.”);
and

generating the action object by combining the business objects according to the first description (column 31 lines 16-19: “As illustrated, a business process editor 321 generates internal business process representations 322, which are converted by a business process code generator 323 into data stored in the business process repository 154.”).

As per claim 2, the above rejection of claim 1 is incorporated. Eager further discloses:

storing a plurality of form objects through which the business objects obtain input data (column 4 line 39: “user interface repository”);

receiving a second description of a layout of the form objects (column 30 lines 57-59); and

generating the page object by combining the form objects according to the second description (column 31 lines 1-5).

As per claim 3, the above rejection of claim 2 is incorporated. Eager further discloses:

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receiving a third description of a flow of the action and page object (column 30 line 66 – column 31 line 1); and

combining the action and page object according to the third description (column 31 line 1-5).

As per claim 4, the above rejection of claim 1 is incorporated. Eager further discloses:

displaying a plurality of icons representing the business objects and links thereof
(column 31 lines 20-26); *and*

generating the first description by combining the icons (column 31 lines 16-19).

As per claim 5, all limitations have been addressed in the above rejection of claims 1-3.

As per claim 6, Eager discloses:

An apparatus for development of a business process software (column 5 lines 12-15 discloses use of the IMS/VS environment, which inherently requires an apparatus to function.). All further limitations have been addressed in the above rejection of claim 1.

As per claims 7-9, the above rejection of claim 6 is incorporated. All further limitations have been addressed in the above rejections of claims 2-4, respectively.

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to J. Derek Rutten whose telephone number is (703) 605-5233. The examiner can normally be reached on M-F 6:30-3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam can be reached on (703) 305-4552. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

jdr


TUAN DAM
SUPERVISORY PATENT EXAMINER